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A CATALOGUE OF THE Philosophical BOOKS and TRACTS,

Written by the Honourable

ROBERT BOYLE Esq;

Together with the

ORDER or TIME

Wherein each of them hath been Publish'd respectively.

To which is added,

A CATALOGUE Of the THEOLOGICAL BOOKS,

Written by the same Author.

London: Printed for *Sam. Smith*, at the Sign of the Prince's Arms in St. *Paul*'s Church-yard. 1690.

Advertisements of the Publisher.

1. *Many ingenious Persons, especially Strangers, having pressingly endeavour'd to procure a Catalogue of the Honourable Mr.* Boyle's *Writing's; and the Author himself being not at leasure to draw one up; 'twas thought it might be some satisfaction to those Inquirers, if I publish'd the following List, as it was drawn out, for his own use, of the* Philosophical Transactions, *as well as the Printed Volumes, by an ingenious* French *Physician, studious of the Authors Writings, some of which he Translated and Printed in his own Language.*
2. *The Letter* L. *affixt in the Margin, denotes the Book related to, to have been Translated, and Publish'd in the Latin Tongue also. Several of the rest having likewise been Translated into Latin, but not yet Publish'd.*
3. *Those that have an Asterisk prefix'd to them, came forth without the Authors Name, tho' 'tis not doubted but they are His.*
4. *Such as have this Mark ☞ prefix'd to them, are Sold by* Samuel Smith *at the* Prince's Arms *in* St. Pauls Church-yard.
5. *Divers of those mention'd, as drawn out of the* Transactions, *did probably come abroad in Latin; some of the Transactions themselves having been publish'd in that Language.*

BRITISH MUSEUM

New

A Catalogue of the Philoſophical Books and Tracts.

NEw Experiments Phiſico-Mechanical, touching the Spring and weight of the Air, and its Effects, (made for the moſt part in a new Pneumatical Engine) written by way of Letter to the Right Honourable *Charles* Lord Viſcount of *Dungarvan*, Eldeſt Son to the Earl of *Cork*, by the Honourable *Robert Boyle* Eſq;

A Defence of the Doctrine, touching the Spring and Weight of the Air; propos'd by the Author in his New *Phiſico-Mechanical Experiments*; againſt the Objections of *Franciſcus Linus*, wherewith the Objectors *Funicular Hypotheſis* is alſo examin'd.

An Examen of Mr. *Tho. Hobbes's Dialogus Phicus de Natura Aeris*, as far as it concerns the Authors Book of New Experiments, touching the Spring of the Air; with an Appendix touching Mr. *Hobbes's* Doctrine of Fluidity and Firmneſs.

Theſe three together in a Volume in 4°, being a Second Edition; The Firſt at *Oxford* 1662, had been publiſh'd, *Anno* 1660. The Two others at *London*, 1662, had been publiſh'd, *Anno* 1661.

The Sceptical Chymiſt, &c. 1661.

L Physiological Essays, or *Tentamina*, Written and Collected upon divers Times and Occasions, with an History of Fluidity and Firmness, in 4°. 1662.

L An Experimental History of Colours begun, 8°. 1663

Some Considerations touching the usefulness of Experimental Natural Philosophy, propos'd in a familiar Discourse to a Friend, by way of Invitation to the Study of it; a Second Edition 4°. *Oxford*, 1664. The first had been publish'd 1663.

Of the usefulness of Natural Philosophy, the Second Part; the First Section, of its usefulness to Physick, with an *Appendix* to this First Section of the Second Part, 4°. 1669.

Of the Usefulness of Experimental Natural Philosophy, *&c.* the Second Tome, containing the latter Section of the Second Part, 4°. *Oxford.* 1671.

The First Volume of these three Books contains Five Essays.

The First, Of the Usefulnness, *&c.* Principally as it relates to the Mind of Man.

The Second, A Continuation of the former.

The Third, A further Continuation.

The Fourth, A requisite Digression concerning those, who would exclude the Deity from intermedling with Matter.

In the Fifth, The Discourse, interrupted by the late Digression, is resum'd and concluded.

The

The Second Volume contains likewiſe five Eſſays.

The firſt, Of the Uſefulneſs, &c. As to the Phyſiological part of Phyſick.

The ſecond, As to the Pathological part of Phyſick.

The third, As to the Semeiotical part of Phyſick.

The fourth, As to the Hygieinal part of Phyſick.

The fifth, As to the Therapeutical part of Phyſick, in 20 Chapters.

The Third Volume contains ſix Eſſays.

The firſt, General Conſiderations about the Means, whereby Experimental Phyloſophy may become uſeful to Human Life.

The ſecond, Of the uſefulneſs of Mathematicks to Natural Phyloſophy.

The third, Of the uſefulneſs of Mechanical Diſciplines to Natural Phyloſophy.

The fourth, That the Goods of Mankind may be much encreas'd by the Naturaliſts inſight into Trades, with an Appendix.

The fifth, Of doing by Phyſical Knowledge, what is wont to require Manual Skill.

The ſixth, Of Mens great Ignorance of the Uſes of Natural Things.

An Experimental Hiſtory of Cold, and ſome Diſcourſes concerning New Thermometrical Experiments, and Thoughts about the Doctrine of Antiperiſtaſis; with

An Examen of Mr. *Hobbes*'s Doctrine touching Cold, a second Edition, 4°. 1665.

Attempts of a way to convey Liquors immediately into the Mass of Blood, communicated in the Philosophical Transactions of *December* the 4*th*. 1665.

Observations and Experiments upon the Barometer or Ballance of Air, invented, directed, and begun, *Anno* 1659 communicated to Dr. *Beal* that continu'd them, and mention'd in the Transactions of *February* the 12*th*, and *March* the 12*th*, 1666.

Hydrostatical Paradoxes made out by new Experiments, for the most part Physical and easie, occasion'd by Monsieur *Pascbal*'s Tract of the *Equilibrium* of Liquors, and of the Weight of the Air, 1666.

An account of an Earth-quake near *Oxford* and the Concomitants thereof, communicated in the Philosophical Transactions of *April* the 2*d*. 1666.

New Observations and Directions about the Barometer, in the same.

General Heads for a Natural History of a Countrey, great or small, communicated in the same.

The Origine of Forms and Qualities illustrated by Considerations and Experiments, in two Parts, 8°. 1666.

A way of preserving Birds, taken out of the Egg, and other small *Fœtus*'s, communicated in the Philosophical Transactions of *May* 7*th*. 1666.

An

An Account of a new kind of Baroſcope, which may be call'd Statical, and of ſome advantages and conveniences it hath above the Mercurial, communicated in the Phyloſophical Tranſactions of *July* the 2*d*. 1666.

A new Frigorific Experiment, ſhewing how a conſiderable degree of Cold may be ſuddenly produc'd, without the help of Snow, Ice, Hail, Wind or Nitre, and that at any time of the year, communicated in the Phyloſophical Tranſactions of *July* 18*th*, 1666.

Tryals propos'd to *Dr. Lower* for the improvement of transfuſing Blood out of one live Animal into another, communicated in the Phyloſophical Tranſactions of *February* the 11*th*, 1666.

Free Conſiderations about Subordinate Forms, being an *Appendix* to the Origine of Forms and Qualities publiſh'd laſt year, and reprinted with this, 1667. 8°.

A Letter to the Author of the Phyloſophical Tranſactions, giving an Information of ſome Experiments which he had made himſelf ſeveral years ago, by injecting acid Liquors into Blood, upon the occaſion of thoſe communicated by Signior *Fracaſſati*, in a Letter written from *Oxford*, *October* 19*th*, 1667.

New Experiments concerning the Relation between Light and Air, (in ſhining Wood and Fiſh) in a Letter from *Oxford* to the Publiſher of the Phyloſophical Tranſactions of *January* the 6*th*, 1668.

A Continuation of the same Letter in the Philosophical Transactions of *February* 10*th*, 16 8.

A Continuation of new Experiments, Physico-Mechanical, touching the Spring and Weight of the Air, and their Effects; The first part. With a *Discourse* of the Atmospheres of Consistent Bodies, *Oxford*, 1669.

An Invention for estimating the Weight of Water with ordinary Ballances and Weights, in the Philosophical Transactions of *August* the 16*th*. 1669.

Certain Physiological Essays and other
L Tracts, a second Edition; with a *Discourse* about the Absolute rest of Bodies, 4°. *London* 1669. The first Edition had been published, *Anno*, 1662.

New Pneumatical Experiments about Respiration, upon Ducks, Vipers, Frogs, &c. communicated in the Physiological Transactions of *August* 8. 1670.

A Continuation of the same Experiments
L in the Physiological Transactions of *September* the 12*th*. 1670.

Tracts: About the Cosmical Qualities of Things: The Temperature of the Subterraneal and Submarine Regions, and the bottom of the Sea; together with an Introduction
L to the History of particular Qualities, &c. *Oxford* 1670.

Tracts: A Discovery of the admirable Rarefaction of the Air (even without Heat:) New Observations about the duration of the Spring of the Air. New Experiments touching the

the condensation of the Air by mere Cold, and its compression without Mechanical Engines, and the admirably differing extensions of the same quantity of Air, rarefied and compress'd, 4°. *London*, 1670.

An Essay about the Origine and Virtues of Gems, 8°. *London*, 1672.

Some Observations about shining Flesh, both of Veal, and Pullet, and that without any sensible Putrefaction in those Bodies, communicated by way of Letter to the publisher of the *Philosophical Transactions*, in the Transactions of *December* the 16*th*. 1672.

A new Experiment concerning an effect of the varying weight of the Atmosphere upon some Bodies in the Water, the Description whereof was presented to the Lord *Broncker*, *Anno* 1671. Suggesting a conjecture, that the alterations of the very Weight of the Air, may have considerable Operations, even upon Mens Sickness or Health, communicated in the Philosophical Transactions of *February* the 24*th*. 1673.

Tracts: Containing new Experiments, touching the Relation between Flame and Air, and about Explosions. An Hydrostatical Discourse, occasion'd by some Objections of Dr. *Henry Moor*, *&c.* to which is annexed an Hydrostatical Letter about a way of weighing Water in Water: New Experiments of the positive, or relative, levity of Bodies under Water: Of the Airs-Spring on Bodies under Water, and about the differing

ring Preſſure of heavy Solids and Fluids, 8°. *London*, 1672. 1691.

L Eſſays of the ſtrange Subtilty, great Efficacy, and determinate Nature of *Effluviums*; to which are annex'd new Experiments to make the parts of Fire and Flame, Stable and Ponderable, with Experiments about arreſting and weighing of *Igneous Corpuſcles*; and a Diſcovery of the perviouſneſs of Glaſs to ponderable parts of Flame, 8°. *London* 1673.

A Letter of *September* the 13*th*, 1673 concerning Ambergreece, and its being a Vegetable Production, mention'd in the Phyloſophical Tranſactions of *October* the 6*th*, 1673.

L Tracts: Obſervations about the ſaltneſs of the Sea: An account of the Statical Hygroſcope, and its Uſes, together with an Appendix about the force of the Airs Moiſture, and a Fragment about the Natural and Preternatural ſtate of Bodies. To all which is premis'd a Sceptical Dialogue about the poſitive or privative Nature of Cold, &c. *London*, 1674. 1691.

L A Diſcourſe about the Excellency and Grounds of the Mechanical Hypotheſis, occaſionally propos'd to a Friend, annex'd to Another entituled, *The Excellency of Theology, compar'd with Natural Phyloſophy*, 8°. *London* 1674.

An account of the two ſorts of *Helmontian Laudanum*, together with the way of the Noble Baron *F. M. Van Helmont* (Son to the famous

famous *John Baptiſta*) of preparing his *Laudanum*, communicated in the Phyloſophical Tranſactions of *October 26th.* 1674.

Tracts: Containing, 1. Suſpicions about ſome hidden Qualities of the Air, with an Appendix touching Cœleſtial Magnets, and ſome other particulars. 2. Animadverſions upon Mr. *Hobbes*'s *Problemata de vacuo.* 3. A Diſcourſe of the Cauſe of Attraction by Suction, 8°. *London*, 1674. 1691. L

Some Phyſico-Theological conſiderations about the poſſibility of the Reſurrection, annex'd to a Diſcourſe, entituled, *The Reconcileableneſs of Reaſon and Religion*, 8°. *London* 167⅘.

A Conjecture concerning the Bladders of Air, that are found in Fiſhes, communicated by *A. J.* and illuſtrated by an Experiment, ſuggeſted by the Author in the Phyloſophical Tranſactions of *April* the *26th*, 1675.

A New Eſſay-Inſtrument, invented and deſcribed by the Author, together with the Uſes thereof, in three Parts.

The firſt ſhews the occaſion of making it, and the Hydroſtatical Principles 'tis founded on,

The ſecond deſcribes the Conſtruction of the Inſtrument.

The third repreſents the Uſes; which, as relating to Metals, are

1. To diſcover whether a propos'd Guinea be true, or counterfeit.

2. To examine divers other Gold Coins, and particularly half Guinea's, 3. To

3. To examine the new Engliſh Crown pieces of Silver.

4. To eſtimate the goodneſs of Tin and *Pewter*.

5. To eſtimate Alloys of Gold and Silver, and ſome other Metalline Mixtures. All this maketh up the *Phyloſophical* Tranſactions of *June* 21. 1675.

Ten new Experiments about the weaken'd Spring, and ſome unobſerved Effects, of the Air, where occur not only ſeveral Tryals to diſcover, whether the Spring of the Air, as it may divers ways be increas'd, ſo may not by other ways than Cold, or Dilatation be weakned; but alſo ſome odd Experiments to ſhew the change of Colours producible in ſome Solutions and Precipitations by the Operation of the Air, communicated in the *Philoſophical Tranſactions* of *Decemb.* 27. 1675.

An Experimental Diſcourſe of Quickſilver, growing hot with Gold, Engliſh and Latin, communicated in the *Philoſophical Tranſactions* of *February* 21. 1676.

Experiments, Notes, *&c.* about the Mechanical Origine or *Production* of divers particular Qualities, amongſt which, is inſerted a *Diſcourſe* of the Imperfections of the Chymiſts Doctrine of Qualities, together with ſome Reflections upon the Hypotheſis of *Alcali* and *Acidum*, 8°. *London*, 1676. 1680.

This *Diſcourſe* comprehends Notes, *&c.* about the Mechanical *Origene* and *Production* of Cold.

Of

Of Heat.
Of Tasts.
Of Odours.
Of Volatility.
Of Fixtness.
Of Corrosiveness.
Of Corrosibility.
Of Chymical Precipitation.
Of Magnetical Qualities.
Of Electricity.

New Experiments about the superficial Figures of Fluids, especially of Liquors contiguous to other Liquors: Likely to conduce much to the *Physical* Theory of the grand System of the World, communicated in the *Philosophical* Transactions of *January* 29*th.* $167\frac{6}{7}$.

A continuation of the same Experiments in the *Philosophical* Transactions of *February* the 26*th.* $167\frac{6}{7}$.

The Sceptical Chymist, or Chymico-*Physical* Paradoxes, touching the Experiments whereby vulgar Spagyrists are wont to endeavour to evince their Salt, Sulphur and Mercury to be the true Principles of Things; to which in this Second Edition are subjoyned divers Experiments and Notes, about the Producibleness of Chymical Principles, 8°. *Oxford*, 1680. 1690.

A Second Continuation of new Experiments Physico-Mechanical, in which, various Experiments, touching the Spring of the Air

Air, either compreſs'd or Artificial, are contain'd, with a Deſcription of new Engines to perform them, 1680.

L ☞ The *Aerial Noctiluca*, or ſome new *Phænomena*, and a Proceſs of a factitious Self-ſhining Subſtance, 8°. *London.*

L ☞ The Glacial or *Icy Noctiluca*, with a Chymical Paradox founded on new Experiments, whence it may be made probable, that Chymical Principles may be converted one into another, 8°. *London*, 1680.

L ☞ Memoirs for the Natural Hiſtory of Human Blood, eſpecially the Spirit of that Liquor, *London*, 1684.

L ☞ Experiments and Conſiderations about the Poroſity of Bodies, in Two Eſſays: The former of the *Porouſneſs* of Animal Bodies; The other of the Porouſneſs of Solid Bodies, 8°. *London*, 1684.

☞ Short Memoirs for the Natural Experimental Hiſtory of Mineral Waters, 8°. 1684.

An Hiſtorical Account of a ſtrangely Self-moving Liquor, communicated in the Philoſophical Tranſactions of *November* the 26*th.* 1685,

L ☞ Of the Reconcileableneſs of Specifick Medicines, to the Corpuſcular Philoſophy, to which is annex'd a Diſcourſe about the advantages of the uſe of Simple Medicines, propos'd by way of Invitation to it, 8°. *London*, 1685.

☞ An Eſſay of the great Effects of Languid and

and unheeded Motion. To which is annex'd an Experimental Discourse of some unheeded Causes of the Salubrity and Insalubrity of the Air and its Effects, 8° *London*, 1685, 1690.

A free Inquiry into the vulgarly receiv'd Notion of Nature, in an Essay address'd to a Friend, 8°. *London*, 168$\frac{5}{6}$.

A Disquisition about the Final Causes of Natural Things. With an Appendix of some Uncommon Observations about vitiated Sight 8°. *London*, 198$\frac{7}{8}$.

Medicina Hydrostatica: Or, Hydrostaticks, applyed to the *Materia Medica*, Shewing, How by the Weight that divers Bodies us'd in Physick, have in Water; one may discover, Whether they be Genuine or Adulterate. To which is subjoyn'd, a previous Hydrostatical way of estimating Ores, 8°. *London*, 1690.

Advertisements.

Because among those that willingly read the Authors Writings, there are some that relish those most, (as most suitable to their Genius, addicted to Religious Studies) that Treat of Matters relating to Divinity: the Publisher thinks fit to gratify them with a Catalogue of those Theological Books that pass for Mr. Boyle's, *because they were ascrib'd to him, and never positively disown'd by him; tho' such of them as are mark'd with an Asterisk, came abroad without having his Name prefixt to them.*

SEraphic Love, five or six times Printed, but first Publish'd in the Year 1660. 8°.

Considerations about the Style of the Scripture, whereof the First Edition was Publish'd

liſh'd in the year 1662. in Engliſh, and afterward turn'd into, and ſeveral times Printed in Latin, 8°.

* Occaſional Reflections on ſeveral Subjects, with a Preliminary Diſcourſe of the way of meditating there Exemplify'd; Firſt Publiſh'd in the year 1665, and afterwards turn'd into Latin, but not yet Printed in that Language, 8°.

* Of the Excellency of the Study of Theology, ☞ compar'd with that of Natural Philoſophy. Printed in the year 1674. 8°.

* Conſiderations about the Reconcileableneſs of Reaſon and Religion. To which is annex'd a Diſcourſe about the Poſſibility of the Reſurrection. Printed in the year 1675, 8°.

* A Treatiſe of Things above Reaſon. To which are annex'd ſome Advices about Things that are ſaid to tranſcend Reaſon. Printed in the year 1681, in Engliſh, and afterwards Tranſlated into Latin, but not yet Printed in that Language, 8°.

L* Of the Veneration that Man's Intellect ☞ owes to God. Printed in the year 1685.

* The Martyrdom of *Theodora*, and of *Didymus*. *London*, 1687.

☞ The Chriſtian Virtuoſo: Shewing, That by being addicted to Experimental Philoſophy, a Man is rather aſſiſted, than Indiſpoſed, to be a good Chriſtian. The Firſt Part; To which are ſubjoyn'd, 1. A Diſcourſe about the Diſtinction, that repreſents ſome Things as above Reaſon, but not contrary to Reaſon. 2. The firſt Chapters of a Diſcourſe, Entituled, Greatneſs of Mind promoted by Chriſtianity. 8°. *London*, 1690.

The End.

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